

**Notice of Allowability**

Application No.

10/671,508

Examiner

Laura L. Stockton, Ph.D.

Applicant(s)

BOULLE ET AL.

Art Unit

1626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed April 8, 2007.
2. ☒ The allowed claim(s) is/are 1, 2, 4, 6, 7, 9, 12-24, 48-50, 58 and 60-103, now renumbered claims 1-67, respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

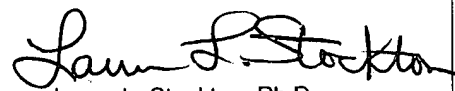
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application
- ☒ Interview Summary (PTO-413), Paper No./Mail Date 062007.
- ☒ Examiner's Amendment/Comment
- ☐ Examiner's Statement of Reasons for Allowance
- ☐ Other \_\_\_\_\_

  
Laura L. Stockton, Ph.D.  
Primary Examiner  
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**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mary Katherine Baumeister on June 20, 2007.

The application has been amended as follows:

**In the Claims**

**Claim 4:**

Line 2 of claim: after "dehydrogenase" add  
-- and thus maintaining and/or increasing the density  
of human keratinous fibers -- .

Cancel **Claim 11**.

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**Claim 12:**

Line 2 of claim: replace "or meta-position" with

-- and meta-positions, respectively, -- .

**Claim 14:**

Line 3 of claim: delete "saturated or unsaturated,".

**Claim 18:**

Lines 6-7 of claim: delete "saturated or unsaturated,".

**Claim 60:**

Line 3 of claim: delete "saturated or unsaturated,".

**Claim 61:**

Line 7 of claim: delete "saturated or unsaturated,".

**Claim 72:**

Line 7 of claim: delete "saturated or unsaturated,".

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**Claim 75:**

Line 14 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with -- optionally substituted by OR<sub>0</sub> -- .

**Claim 76:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 77:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 78:**

Line 15 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with -- optionally substituted by OR<sub>0</sub> -- .

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**Claim 79:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 80:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 81:**

Line 2 of claim: after "dehydrogenase" add  
-- and thus maintaining and/or increasing the density  
of human keratinous fibers -- ;

Line 13 of claim: replace " , or an unsaturated linear  
or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with  
-- optionally substituted by OR<sub>0</sub> -- .

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**Claim 82:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 83:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 84:**

Line 4 of claim: replace "comprising\_an" with  
-- comprising an -- .

Line 13 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with  
-- optionally substituted by OR<sub>0</sub> -- .

**Claim 85:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

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**Claim 86:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 87:**

Line 13 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with  
-- optionally substituted by OR<sub>0</sub> -- .

**Claim 88:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 89:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

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**Claim 90:**

Line 13 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with -- optionally substituted by OR<sub>0</sub> -- .

**Claim 91:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 92:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 93:**

Line 13 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with -- optionally substituted by OR<sub>0</sub> -- .



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**Claim 94:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" ;

Line 5 of claim: replace "hydrogen, a linear" with  
-- hydrogen or a linear-- .

**Claim 95:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 96:**

Line 13 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with  
-- optionally substituted by OR<sub>0</sub> -- .

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**Claim 97:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" ;

Line 5 of claim: replace "hydrogen, a linear" with  
-- hydrogen or a linear-- .

**Claim 98:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 99:**

Line 14 of claim: replace " , or an unsaturated linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical" with  
-- optionally substituted by OR<sub>0</sub> -- .

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**Claim 100:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" ;

Line 5 of claim: replace "hydrogen, a linear" with -- hydrogen or a linear-- .

**Claim 101:**

Lines 3-4 of claim: delete "or an unsaturated linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical" .

**Claim 102:**

Lines 6-7 of claim: delete "saturated or unsaturated," .

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura L. Stockton whose telephone number is (571) 272-0710. The examiner can normally be reached on Monday-Friday from 6:15 am to 2:45 pm. If the examiner is out of the Office, the examiner's supervisor, Joseph McKane, can be reached on (571) 272-0699.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

The Official fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.



Laura L. Stockton, Ph.D.

Patent Examiner

Art Unit 1626, Group 1620

Technology Center 1600

June 21, 2007